ABSTRACT OF THE DISCLOSURE

The invention presents a carbon ink with high electric field emission efficiency that can be applied in an inexpensive printing process suitable for mass production, an improved electron–emitting element for an image display device, and a method for manufacturing the electron–emitting element. The invention also presents an image display device with high image quality and efficiency using this electron–emitting element. The image display device includes a patterned conductor on a substrate, and electron–emitting elements made by applying, to predetermined positions of the conductor, a carbon ink made into a paste with an organic binder and a solvent, the ink comprising (i) carbon particles having a 6–membered carbon ring, and (ii) support particles for supporting the carbon particles, and firing the ink.

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